

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/007842

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K14/47 A61K38/47 C12N15/56 C12Q1/34 G01N33/573

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K C12N C12Q G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, Sequence Search, BIOSIS, CHEM ABS Data, EMBASE, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/12781 A (HUMAN GENOME SCIENCES INC ; ROSEN CRAIG A (US); BIRSE CHARLES E (US)) 22 February 2001 (2001-02-22) *INVENTION 1* page 151, line 16 - page 154, line 8; sequence 30 page 7, line 26 - page 11, line 10	1-13, 16-18
X	US 2003/096756 A1 (AVERBACK PAUL) 22 May 2003 (2003-05-22) *INVENTION 1* paragraph '0059! paragraph '0066! paragraph '0023! ----- -/-	1-13, 16-18

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

25 November 2004

Date of mailing of the international search report

15.03.05

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Petri, B

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 837 841 A (BANDMAN OLGA ET AL) 17 November 1998 (1998-11-17) *INVENTION 1* column 5, line 39 - line 46 column 14, line 63 - column 15, line 6 -----	8-10
A	PATARD LOUIS ET AL: "An insight into the role of human pancreatic lithostathine." JOP 'ELECTRONIC RESOURCE! : JOURNAL OF THE PANCREAS. MAR 2003, vol. 4, no. 2, March 2003 (2003-03), pages 92-103, XP001203943 ISSN: 1590-8577 *INVENTION 1* -----	
A	NOJI YOSHIHIRO ET AL: "Circulating matrix metalloproteinases and their inhibitors in premature coronary atherosclerosis" CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol. 39, no. 5, May 2001 (2001-05), pages 380-384, XP009040349 ISSN: 1434-6621 -----	
A	DUGI KLAUS A ET AL: "Low hepatic lipase activity is a novel risk factor for coronary artery disease" CIRCULATION, vol. 104, no. 25, 18 December 2001 (2001-12-18), pages 3057-3062, XP002307402 ISSN: 0009-7322 -----	
A	DZIELINSKA ZOFIA ET AL: "Decreased plasma concentration of a novel anti-inflammatory protein-adiponectin-in hypertensive men with coronary artery disease." THROMBOSIS RESEARCH, vol. 110, no. 5-6, 15 June 2003 (2003-06-15), pages 365-369, XP002307403 ISSN: 0049-3848 -----	

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 18 is directed to a diagnostic method practised on the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1-13, 16-18 (in part)

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

Invention 1: Claims 1-13, 16-18 (in part)

Methods and compounds relating to cardiovascular disorder
plasma polypeptide (CCP) 30.

Invention 2-56: Claims 1-13, 16-18 (in part)

As Invention 1, however relating to CCP 31, 32, 33, 34, 36,
37, 38, 40, 41, 42, ... , 58, 59, 63, 64, 70, 73, 74, ... ,
92, 93, 144, 145, ... 147, 148, respectively.

Invention 57: Claims 1-18 (in part)

Methods and compounds relating to cardiovascular disorder
plasma polypeptide (CCP) 35.

Invention 58-119: Claims 1-18 (in part)

As Invention 57, however relating to CCP 39, 41, 60, 61, 62,
65, 66, 67, 68, 69, 71, 72, 94, 95, ... 142, 143,
respectively

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/007842

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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			WO 9816640 A1	23-04-1998

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